



Envirofacts

FRS Facility Detail Report

FRS

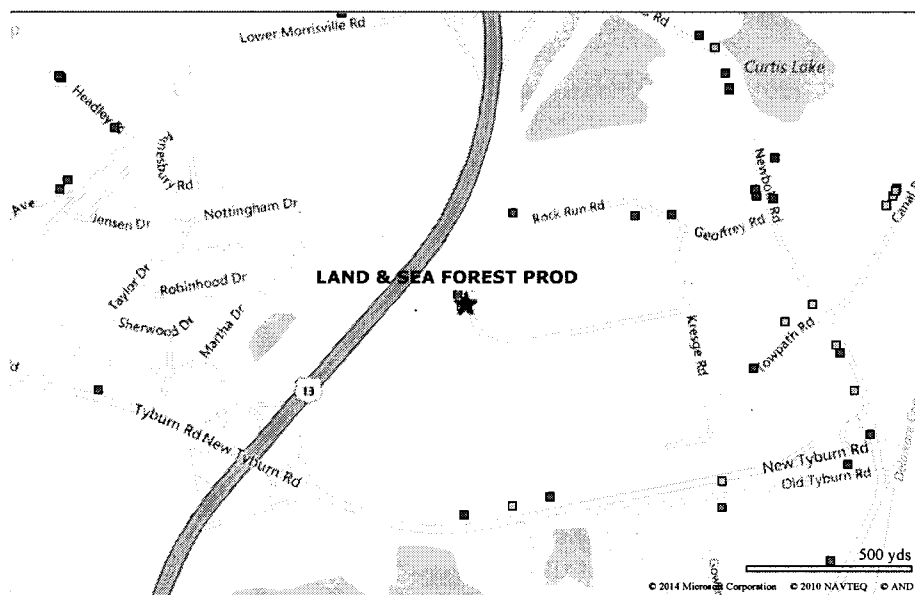


LAND & SEA FOREST PROD

400 ROCK RUN RD.
FAIRLESS HILLS, PA 19030
EPA Registry Id: 110000336253

Facility Registry Service Links

- Search
- [FRS Facility Query](#)
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Legend

- ★ Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Environmental Interests

Information System	Information System ID	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	PAR220002	ICIS-NPDES NON-MAJOR	ICIS	10/27/2010	ICIS-ENFORCEMENT/COMPLIANCE ACTIVITY
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	PAD980830863	SQG (Y)	RCRAINFO	11/03/2004	
Occupational Safety and Health Administration Information System	983704768	OSHA ESTABLISHMENT	OSHA-OIS		
INTEGRATED COMPLIANCE INFORMATION SYSTEM	1400004817	FORMAL ENFORCEMENT ACTION	ICIS	09/29/2008	ICIS-03-2008-0371 FORMAL ENFORCEMENT ACTION
TOXIC RELEASE INVENTORY SYSTEM	19030CMMNV400RO	TRI REPORTER	TRI REPORTING FORM	01/14/2013	ICIS-ENFORCEMENT/COMPLIANCE ACTIVITY
PENNSYLVANIA - ENVIRONMENTAL FACILITY APPLICATION COMPLIANCE TRACKING SYSTEM	PAD980830863	STATE MASTER	PA-EFACTS		

Additional EPA Reports: [MyEnvironment](#) [Enforcement and Compliance](#) [Site Demographics](#) [Watershed Report](#)

Standard Industrial Classification Codes (SIC)

National Industry Classification System Codes (NAICS)

Data Source	SIC Code	Description	Primary	Data Source	NAICS Code	Description	Primary
ICIS	2491	WOOD PRESERVING		RCRAINFO	325188	ALL OTHER BASIC INORGANIC CHEMICAL MANUFACTURING.	
NPDES	2491	WOOD PRESERVING		TRIS	321114	WOOD PRESERVATION.	
				OSHA-OIS	321114	WOOD PRESERVATION.	

Facility Codes and Flags

Facility Mailing Addresses

EPA Region:03	Duns Number:	Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
Congressional District Number:08		OWNER	1 TALL TIMBERS DR	PRINCETON	NJ	08540	RCRAINFO
Legislative District Number:1		OWNER	400 ROCK RUN RD	FAIRLESS HILLS	42	19030	PA-EFACTS
HUC Code/Watershed:02040201 / CROSSWCKS-NESHAMINY			400 ROCK RUN RD		PA	19030	TRIS
US Mexico Border Indicator:							
Federal Facility: NO							
Tribal Land: NO							

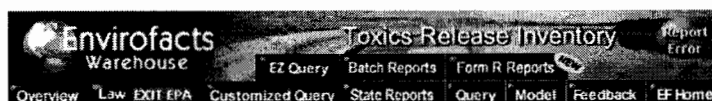
Alternative Names					FACILITY MAILING ADDRESS		FAIRLESS HILLS				
Alternative Name	Source of Data				OWNER	400 ROCK RUN RD	FAIRLESS HILLS	PA	19030	RCRAINFO	
COMMONWEALTH WOOD PRESERVERS OF PENNSYLVANIA INCORPORATED	TRI REPORTING FORM				REGULATORY CONTACT	400 ROCK RUN RD	FAIRLESS HILLS	PA	19030	RCRAINFO	
LAND & SEA FOREST PRODUCTS OF PENNSYLVANIA CORP	TRI REPORTING FORM				MAILING ADDRESS	FAIRLESS HILL FAC	FAIRLESS HILLS	PA	19030	NPDES	
LAND & SEA FOREST PROD CORP	NPDES				FACILITY MAILING ADDRESS	400 ROCK RUN RD	FAIRLESS HILLS	PA	19030	RCRAINFO	
LAND & SEA FOREST PRODS OF PA CORP	NOTIFICATION (RCRA)				OPERATOR	400 ROCK RUN RD	FAIRLESS HILLS	PA	19030	RCRAINFO	
COMMONWEALTH WOOD PRESERVERS O	NPDES PERMIT				FACILITY MAILING ADDRESS	400 ROCK RUN RD	FAIRLESS HILLS	42		PA-EFACTS	
Organizations					Contacts						
Affiliation Type	Name	DUNS Number	Information System	Mailing Address	Affiliation Type	Full Name	Office Phone	Information System	Mailing Address		
OPERATOR	H. WADE CARDEN		RCRAINFO	View	PUBLIC CONTACT	H.WADE CARDEN	2152955460	TRIS			
OWNER/OPERATOR		017951422	TRIS		REGULATORY CONTACT	HEBERT WCARDEN	2152955460	RCRAINFO	View		
MAILING ADDRESS	LAND & SEA FOREST PROD CORP		NPDES	View	FACILITY CONTACT		2152955460	OSHA-OIS			
OWNER	LAND & SEA FOREST PROD OF PA CORP		PA-EFACTS	View	TECHNICAL CONTACT	H. WADE CARDEN	2152955460	TRIS			
OWNER	L & S PROPERTIES OF PA LLC		RCRAINFO	View							
OWNER	H. WADE CARDEN		RCRAINFO	View							

Query executed on: NOV-24-2014

Additional information for CERCLIS or TRI sites:

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- National Library of Medicine (NLM) [EXIT 42](#) TOXMAP



TRI Envirofacts Report

Query executed on NOV-24-2014
Results are based on data extracted on OCT-08-2014

Click on "View Facility Information" to view EPA Facility information for the facility.

<u>Facility Name:</u>	LAND & SEA FOREST PRODUCTS OF PENNSYLVANIA CORP	<u>Mailing Name:</u>	LAND & SEA FOREST PRODUCTS OF PENNSYLVANIA CORP
<u>Address:</u>	400 ROCK RUN RD FAIRLESS HILLS PA 19030	<u>Mailing Address:</u>	400 ROCK RUN RD FAIRLESS HILLS PA 19030
<u>County:</u>	BUCKS	<u>Region:</u>	3
<u>Facility Information:</u>	View Facility Information	<u>TRI ID:</u>	19030CMMNW400RO
<u>DUNS Number:</u>	017951422	<u>FRS ID:</u>	110000336253
<u>TRI Preferred Latitude:</u>	40.185	<u>TRI Preferred Longitude:</u>	74.798889
<u>Public Contact:</u>	HERBERT CARDEN	<u>Phone:</u>	6099158245
<u>Parent Company:</u>	No US Parent	<u>Standardized Parent Company:</u>	NA
		<u>Parent DUNS:</u>	NA
<u>BIA Tribal Code:</u>		<u>Tribe:</u>	

Starting with Reporting Year 2006, TRI Facilities began reporting NAICS codes, instead of SIC codes, to identify their Primary Business Activities.

NAICS Codes for 2013

NAICS CODE	PRIMARY	NAICS DESCRIPTION
321114	YES	Wood Preservation

The above information comes from 2013, which was the last year NAICS code data was reported for this facility. The earliest NAICS code data on file for this facility was reported in 1987.

[Map this facility](#)

Map this facility using one of Envirofact's mapping utilities.

Besides TRI, this facility also does the following:

- handles hazardous waste
- has permits to discharge to water

More information about these additional regulatory aspects of this facility can be found by pressing the other regulatory data button below.

[Other Regulatory Data](#)

Total Aggregate Releases of TRI Chemicals to the Environment:

For all releases estimated as a range, the mid-point of the range was used in these calculations. This table summarizes the releases reported by the facility. NR - signifies nothing reported by this facility for the corresponding medium.

Total Aggregate Releases of TRI Chemicals excluding Dioxin and Dioxin-like Compounds (Measured in Pounds)

Media	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2003	2002	2001	2000	1999	1998	1997	1996	1995	1994	1993	1992	1991	1990	1989	1988	1987
<u>Air Emissions</u>	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0	0	NR	0	0	0
<u>Surface Water Discharges</u>	NR	NR	NR	NR	250	250	250	250	250	20	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	0	0	0
<u>Releases to Land</u>	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
<u>Underground Injection</u>	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
Total On-Site	NR	NR	NR	NR	250	250	250	250	250	20	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	0	0	NR	0	0	0

[illegible]

Graphic Summary of this Table

**Total Aggregate Releases of Dioxin and Dioxin-like Compounds
(Measured in Grams)**

[illegible]

Graphic Summary of this Table

TRI Chemicals Reported on Form A:

The facility has certified that for each chemical listed below, the annual release did not exceed 500 pounds for the reporting year listed and the listed chemical was not manufactured, processed, or otherwise used in an amount exceeding 1 million pounds in the reporting year. Form A can not be filed for PBT chemicals (except certain instances of reporting lead in stainless steel, brass, or bronze alloys).

<u>Chemical Name</u>	<u>TRI Chemical ID</u>	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	2002	2001	2000	1999	1998
ARSENIC COMPOUNDS	N020	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Reported	Reported	Reported
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	N090	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Reported	Reported	Reported
COPPER COMPOUNDS	N100	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Not Reported	Reported	Reported	Reported	Reported

NOTE:

All chemicals reported below have release or transfer amounts greater than zero. To see a list of all chemicals reported by this facility click [here](#).

Names and Amounts of Chemicals Released to the Environment by Year.

For all releases estimated as a range, the mid-point of the range was used in these calculations. **NR** - signifies nothing reported for this facility by the corresponding medium. Rows with all "0" or "NR" values were not listed.

[illegible]

COMPOUNDS (TRI Chemical ID: N020)	DISP METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	410	238	195	1173	587
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CHROMIUM (TRI Chemical ID: 007440473)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	3100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CHROMIUM (TRI Chemical ID: 007440473)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	250	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION) (TRI Chemical ID: N090)	DISP METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION) (TRI Chemical ID: N090)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	324	188	154	926	463
CHROMIUM COMPOUNDS (EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION) (TRI Chemical ID: N090)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COPPER (TRI Chemical ID: 007440508)	DISP NON METALS	Pounds	NR	5	5	NR	NR	1410	1410	750	NR	750	NR	3100	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COPPER (TRI Chemical ID: 007440508)	WATER	Pounds	NR	NR	NR	NR	250	250	250	250	NR	5	NR	250	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COPPER COMPOUNDS (TRI Chemical ID: N100)	DISP METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR
COPPER COMPOUNDS (TRI Chemical ID: N100)	DISP NON METALS	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	750	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	238	138	113	679	NR
COPPER COMPOUNDS (TRI Chemical ID: N100)	WATER	Pounds	NR	NR	NR	NR	NR	NR	NR	NR	NR	250	5	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR	NR

Discharge of Chemicals into Streams or Bodies of Water:

For all releases estimated as a range, the mid-point of the range was used in these calculations. Rows with Release Amount equal to "0" were not listed.

Chemical Name	Year	Unit Of Measure	Release Amount	Stream Or Body of Water
ARSENIC (TRI Chemical ID: 007440382)	2002	Pounds	250	ROCK RUN

ARSENIC COMPOUNDS (TRI Chemical ID: N020)	2004	Pounds	5	ROCK RUN
CHROMIUM (TRI Chemical ID: 007440473)	2002	Pounds	250	ROCK RUN
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION) (TRI Chemical ID: N090)	2004	Pounds	5	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2009	Pounds	250	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2008	Pounds	250	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2007	Pounds	250	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2006	Pounds	250	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2004	Pounds	5	ROCK RUN
COPPER (TRI Chemical ID: 007440508)	2002	Pounds	250	ROCK RUN
COPPER COMPOUNDS (TRI Chemical ID: N100)	2005	Pounds	250	ROCK RUN
COPPER COMPOUNDS (TRI Chemical ID: N100)	2004	Pounds	5	ROCK RUN

Transfer of Chemicals to Off-Site Locations other than POTWs:

For all releases estimated as a range, the mid-point of the range was used in these calculations. Rows with Total Transfer Amount equal to "0" were not listed.

Chemical Name	Year	Unit Of Measure	Total Transfer Amount	Transfer Site Name and Address	Type Of Waste Management
ARSENIC (TRI Chemical ID: 007440382)	2002	Pounds	3100	TERRA FIRST AL STORAGE AL HIGHWAY 17 NORTH MM 250 VERNON, AL 35592	RCRA Subtitle C Landfills
ARSENIC (TRI Chemical ID: 007440382)	1987	Pounds	131	CHEMICAL WASTE MANAGEMENT INC., EMELLE FACILITY ALABAMA HIGHWAY 17 AT MILE, MARKER 163 EMELLE, AL 35459	Other Land Disposal
ARSENIC (TRI Chemical ID: 007440382)	1987	Pounds	470	ERIEWAY INC. 33 INDUSTRY DRIVE BEDFORD, OH 44146	Other Land Disposal
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	2004	Pounds	750	TERRA FIRST - AL STORAGE OPERATIONS AL HWY 17 N M/M #250 VERNON, AL 35592	Solidification/Stabilization-Metals and Metal Compounds only
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1994	Pounds	76	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1994	Pounds	182	LIDLAW ENVIRONMENTAL SERVICES 208 WATLINGTON INDUSTRIAL DR. REIDSVILLE, NC 27320	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1994	Pounds	152	TERRA FIRST - AL STORAGE OP. AL HWY. 17N - M/M 251 VERNON, AL 35592	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1993	Pounds	238	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1992	Pounds	24	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1992	Pounds	171	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1991	Pounds	1173	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1990	Pounds	247	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1990	Pounds	340	HICKSON CORP. 2852 RAYSTONE DR. VALPARAISO, IN 46383	Storage Only
ARSENIC COMPOUNDS				CHEMICAL WAST MANAGEMENT INC., EMELLE FACILITY	

(TRI Chemical ID: N020)	1989	Pounds	315	ALABAMA HWY. RTE. 17 AT MILE, MARKER 163 EMELLE, AL 35459	Landfill/Disposal Surface Impoundment
ARSENIC COMPOUNDS (TRI Chemical ID: N020)	1988	Pounds	36578	CHEMICAL WASTE MGMT. INC., EMELLE FACILITY ALABAMA HWY. RT. 17, AT MILE MARKER 163 EMELLE, AL 35459	Landfill/Disposal Surface Impoundment
CHROMIUM (TRI Chemical ID: 007440473)	2002	Pounds	3100	TERRA FIRST AL STORAGE AL HIGHWAY 17 NORTH MM 250 VERNON, AL 35592	RCRA Subtitle C Landfills
CHROMIUM (TRI Chemical ID: 007440473)	1987	Pounds	103	CHEMICAL WASTE MANAGEMENT INC., (EMELLE FACILITY) ALABAMA HIGHWAY RT 17 AT MILE, MARKER 163 EMELLE, AL 35459	Other Land Disposal
CHROMIUM (TRI Chemical ID: 007440473)	1987	Pounds	371	ERIEWAY INC. 33 INDUSTRY DRIVE BEDFORD, OH 44146	Other Land Disposal
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	2004	Pounds	750	TERRA FIRST - AL STORAGE OPERATIONS AL HWY 17 N - M/M #250 VERNON, AL 35592	Solidification/Stabilization-Metals and Metal Compounds only
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1994	Pounds	60	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1994	Pounds	144	LAIDLAW ENVIRONMENTAL SERVICES 208 WATLINGTON INDUSTRIAL DR. REIDSVILLE, NC 27320	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1994	Pounds	120	TERRA FIRST - AL STORAGE OP. AL HWY. 17N - M/M 251 VERNON, AL 35592	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1993	Pounds	188	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1992	Pounds	19	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1992	Pounds	135	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1991	Pounds	926	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1990	Pounds	195	HICKSON CORP. 1579 KEPPERS RD. CONLEY, GA 30027	Storage Only
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1990	Pounds	268	HICKSON CORP. 2852 RAYSTONE DR. VALPARAISO, IN 46383	Storage Only
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1989	Pounds	249	CHEMICAL WAST MANAGEMENT INC., EMELLE FACILITY ALABAMA HWY. RTE. 17 AT MILE, MARKER 163 EMELLE, AL 35459	Landfill/Disposal Surface Impoundment
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANVAAL REGION) (TRI Chemical ID: N090)	1988	Pounds	289	CHEMICAL WASTE MGMT. INC., EMELLE FACILITY ALABAMA HWY RT. 17, AT MILE MARKER 163 EMELLE, AL 35459	Landfill/Disposal Surface Impoundment
COPPER (TRI Chemical ID: 007440508)	2012	Pounds	5	SAFETY-KLEEN SYSTEMS 633 E. 138TH ST. DOLTON, IL 60419	Other Off-Site Management
COPPER (TRI Chemical ID: 007440508)	2011	Pounds	5	EQ ALABAMA, INC. 51328 HIGHWAY 17 SULLIGENT, AL 35586	Other Off-Site Management
COPPER (TRI Chemical ID: 007440508)	2008	Pounds	1410	TERRA FIRST AL STORAGE OPERATI ALABAMA HWY 17 N. MILE 250	RCRA Subtitle C Landfills

				VERNON, AL 35592	
COPPER (TRI Chemical ID: 007440508)	2007	Pounds	1410	TERRA FIRST AL STORAGE OPERATI ALABAMA HWY 17 N. MILE 250 VERNON, AL 35592	RCRA Subtitle C Landfills
COPPER (TRI Chemical ID: 007440508)	2006	Pounds	750	TERRA FIRST AL STORAGE OPERATI ALABAMA HIGHWAY 17 NORTH MILE MARKER 250 VERNON, AL 35592	RCRA Subtitle C Landfills
COPPER (TRI Chemical ID: 007440508)	2004	Pounds	750	TERRA FIRST AL STORAGE OPERATIONS AL HWY. 17 NORTH MM 250 VERNON, AL 35592	RCRA Subtitle C Landfills
COPPER (TRI Chemical ID: 007440508)	2002	Pounds	3100	TERRA FIRST AL STORAGE AL HIGHWAY 17 NORTH MM 250 VERNON, AL 35592	RCRA Subtitle C Landfills
COPPER COMPOUNDS (TRI Chemical ID: N100)	2005	Pounds	750	TERRA FIRST AL STORAGE OPERATIONS AL HWY. 17N MM 250 VERNON, AL 35592	RCRA Subtitle C Landfills
COPPER COMPOUNDS (TRI Chemical ID: N100)	2004	Pounds	750	TERRA FIRST - AL STORAGE OPERATIONS AL HWY 17 N M/M # 250 VERNON, AL 35592	Solidification/Stabilization-Metals and Metal Compounds only
COPPER COMPOUNDS (TRI Chemical ID: N100)	1994	Pounds	44	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1994	Pounds	106	LAIDLAW ENVIRONMENTAL SERVICES 208 WATLINGTON INDUSTRIAL DR. REIDSVILLE, NC 27320	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1994	Pounds	88	TERRA FIRST - AL STORAGE OP. AL HWY. 17N - M/M 251 VERNON, AL 35592	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1993	Pounds	138	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1992	Pounds	14	ASHLAND CHEMICAL INC. 3930 GLENWOOD DR. CHARLOTTE, NC 28208	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1992	Pounds	99	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
COPPER COMPOUNDS (TRI Chemical ID: N100)	1991	Pounds	679	HICKSON CORP. 1579 KOPPERS RD. CONLEY, GA 30027	Storage Only
COPPER COMPOUNDS (TRI Chemical ID: N100)	1989	Pounds	182	CHEMICAL WASTE MANAGEMENT INC., EMELLE FACILITY ALABAMA HWY. RTE. 17 AT MILE, MARKER 163 EMELLE, AL 35459	Landfill/Disposal Surface Impoundment
COPPER COMPOUNDS (TRI Chemical ID: N100)	1988	Pounds	212	CHEMICAL WASTE MGMT. INC., EMELLE FACILITY ALABAMA HWY. RT. 17, AT MILE MARKER 163 EMELLE, AL 35459	NO CODE OR DESCRIPTION PROVIDED BY FACILITY
COPPER COMPOUNDS (TRI Chemical ID: N100)	1987	Pounds	76	CHEMICAL WASTE MANAGEMENT INC., EMELLE FACILITY ALABAMA HIGHWAY 17 AT MILE, MARKER 163 EMELLE, AL 35459	Other Land Disposal
COPPER COMPOUNDS (TRI Chemical ID: N100)	1987	Pounds	272	ERIEWAY INC. 33 INDUSTRY DRIVE BEDFORD, OH 44146	Other Land Disposal

Summary of Waste Management Activities

Please note that chemical amounts shown here are not included in Total Aggregate Releases shown above.

Summary of Waste Management Activities excluding Dioxin and Dioxin-like Compounds (Measured in Pounds)

Year	On-Site Recycling	Off-Site Recycling	On-Site Energy Recovery	Off-Site Energy Recovery	On-Site Treatment	Off-Site Treatment	Total Amount
2012	43000	0	0	0	0	0	43000
2013	43000	0	0	0	0	0	43000

2014 (Projected)	43000	0	0	0	0	0	43000
2015 (Projected)	43000	0	0	0	0	0	43000

**Summary of Waste Management Activities for Dioxin and Dioxin-like Compounds
(Measured in Grams)**

This facility did not report any waste management activities for Dioxin and Dioxin-like Compounds.

Chemicals Under Waste Management:

Please note that chemical amounts shown here are not included in the Total Aggregate Releases shown above. Transfers to Publicly Owned Treatment Works are listed on a separate table.

Chemical Name	Year	Unit Of Measure	On-Site Recycling	Off-Site Recycling	On-Site Energy Recovery	Off-Site Energy Recovery	On-Site Treated	Off-Site Treated	Total Amount
COPPER	2012	Pounds	43000	0	0	0	0	0	43000
	2013	Pounds	43000	0	0	0	0	0	43000
	2014 (Projected)	Pounds	43000	0	0	0	0	0	43000
	2015 (Projected)	Pounds	43000	0	0	0	0	0	43000

Publicly Owned Treatment Works (POTW) that Chemicals were Transferred to in 2011 and after:

This facility did not transfer any chemicals to a Publicly Owned Treatment Works (POTW) in 2011 and after.

Publicly Owned Treatment Works (POTW) that Chemicals were Transferred to PRIOR to 2011:

This facility did not transfer any chemicals to a Publicly Owned Treatment Works (POTW) PRIOR to 2011.

Non Production Releases:

This report shows the quantities of the chemicals released to the environment by reporting year as a result of remedial actions, catastrophic events, or other one-time events not associated with production processes. Chemicals with zero release amounts are not shown.

Chemical Name	Reporting Year	Unit Of Measure	Release Quantity
ARSENIC COMPOUNDS	2004	Pounds	625
CHROMIUM COMPOUNDS(EXCEPT CHROMITE ORE MINED IN THE TRANSVAAL REGION)	2004	Pounds	625
COPPER	2004	Pounds	625
COPPER COMPOUNDS	2004	Pounds	625

The Environmental Defense Fund's (EDF) Chemical Scorecard has on-line environmental information regarding this

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Last updated on Monday, November 24th, 2014
http://ofmint.rtpnc.epa.gov/enviro/tris_control.tris_print

